

List of the Claims:

1. (Currently Amended) An uninterruptible power supply for providing AC power to a load, the uninterruptible power supply comprising:

an input to receive AC power from an AC power source;

an output that provides AC power;

a DC voltage source that provides DC power, the DC voltage source having an energy storage device;

an inverter operatively coupled to the DC voltage source to receive DC power and to provide AC power;

a transfer switch constructed and arranged to select one of the AC power source and the DC voltage source as an output power source for the uninterruptible power supply; ~~and~~

a chassis for housing at least the DC voltage source, inverter, and transfer switch, the chassis comprising:

a first panel having a substantially “~~LE~~” or “U” shaped appearance;

a second panel constructed and arranged to mate to the first panel; and

a first fastener securing the first panel and the second panel into a substantially fixed configuration; and

a door movably coupled to the chassis between an open position and a closed position, the DC voltage source being substantially enclosed by the door and the chassis when the door is in the closed position, and the DC voltage source being accessible through the chassis when the door is in the open position.

2. (Original) The uninterruptible power supply of claim 1 further comprising a printed circuit board comprising at least one electronic component, wherein at least one of the first and second panels further comprises at least one integrated fastener constructed and arranged to attach the printed circuit board to the respective panel.

3. (Original) The uninterruptible power supply of claim 1, wherein at least one of the first panel and second panel further includes at least one crush rib constructed and arranged to hold a component disposed adjacent to the crush rib in a substantially fixed position.

4. (Original) The uninterruptible power supply of claim 1, wherein the second panel further comprises an integrally formed compartment.

5. (Original) The uninterruptible power supply of claim 4 wherein the compartment is constructed and arranged to enclose the energy storage device.

6. (Original) The uninterruptible power supply of claim 5 further comprising a movable access panel providing access to the compartment.

7-13. Canceled.

14. (New) The uninterruptible power supply of claim 1 wherein the door comprises a plurality of integral door ribs configured and disposed to inhibit wires associated with the DC voltage source being pulled by the door when the door is moved between the open and closed positions.

15. (New) The uninterruptible power supply of claim 1 wherein the door comprises a plurality of integral ramp ribs configured and disposed to inhibit the door from at least one of catching on and damaging a label of the DC voltage source when the door is moved between the open and closed positions.

16. (New) The uninterruptible power supply of claim 1 wherein the chassis comprises a positive stop configured and disposed to inhibit insertion of a printed circuit board into the chassis beyond a desired insertion amount.

17. (New) The uninterruptible power supply of claim 1 wherein the chassis comprises integral bus bar support members configured and disposed to retain a plurality of bus bars to provide electrical connections for power output receptacles provided by the uninterruptible power supply.

18. (New) The uninterruptible power supply of claim 1 wherein the compartment is configured to receive a transformer of the DC voltage supply and the chassis comprises a crush rib configured and disposed to help retain the transformer in the compartment.

19. (New) An uninterruptible power supply for providing AC power to a load, the uninterruptible power supply comprising:

- an input to receive AC power from an AC power source;

- an output that provides AC power;

- a DC voltage source that provides DC power, the DC voltage source having an energy storage device;

- an inverter operatively coupled to the DC voltage source to receive DC power and to provide AC power;

- a transfer switch constructed and arranged to select one of the AC power source and the DC voltage source as an output power source for the uninterruptible power supply; and

- a chassis for housing at least the DC voltage source, inverter, and transfer switch, the chassis comprising:

 - a first panel having one of a substantially "L," "E," or "U" shaped appearance;

 - a second panel constructed and arranged to mate to the first panel, wherein the first and second panels comprise mating receptacles and protrusions disposed on internal portions of the chassis and disposed and configured such that the protrusions are received by the receptacles with the first and second panels connected to form at least a portion of the chassis, the mating receptacles and protrusions being disposed along at least two sides of the chassis; and

 - a fastener securing the first panel and the second panel into a substantially fixed configuration.

20. (New) The uninterruptible power supply of claim 19 further comprising a door movably coupled to the chassis between an open position and a closed position, the DC voltage source being substantially enclosed by the door and the chassis when the door is in the closed position, and the DC voltage source being accessible through the chassis when the door is in the open position.

21. (New) The uninterruptible power supply of claim 19 wherein the chassis includes at most two fasteners to secure the first panel and the second panel into the substantially fixed configuration.

22. (New) The uninterruptible power supply of claim 21 wherein the chassis comprises exactly two fasteners to secure the first panel and the second panel into the substantially fixed configuration.

23. (New) The uninterruptible power supply of claim 21 wherein the chassis comprises exactly one fastener to secure the first panel and the second panel into the substantially fixed configuration.